



# Item Unique Identification (IUID)

Presented to SCESC  
26 March 2013



# DOD IUID CONOPS (Why)

- Use of IUID across the Department will enhance:
  - Asset visibility
  - Property accountability
  - Product lifecycle management
  - Counterfeit materiel risk reduction
  - Financial management



# DOD IUID CONOPS (How)

- The UII will be:
  - Used to uniquely identify an individual item
  - Included in packaging labels to uniquely identify items without opening the box or preservation packaging
  - Directly marked on items using a DataMatrix mark
  - A mandatory data element to identify items and related data in logistics systems
  - Passed in electronic transactions between systems
- Modification of business processes and systems will allow automated collection of the UII from bare item or packaging, during receipt, inventory, maintenance, and any other needed identification of uniquely managed items
- Target population of items aligns with the JLB approved Task Force recommendation



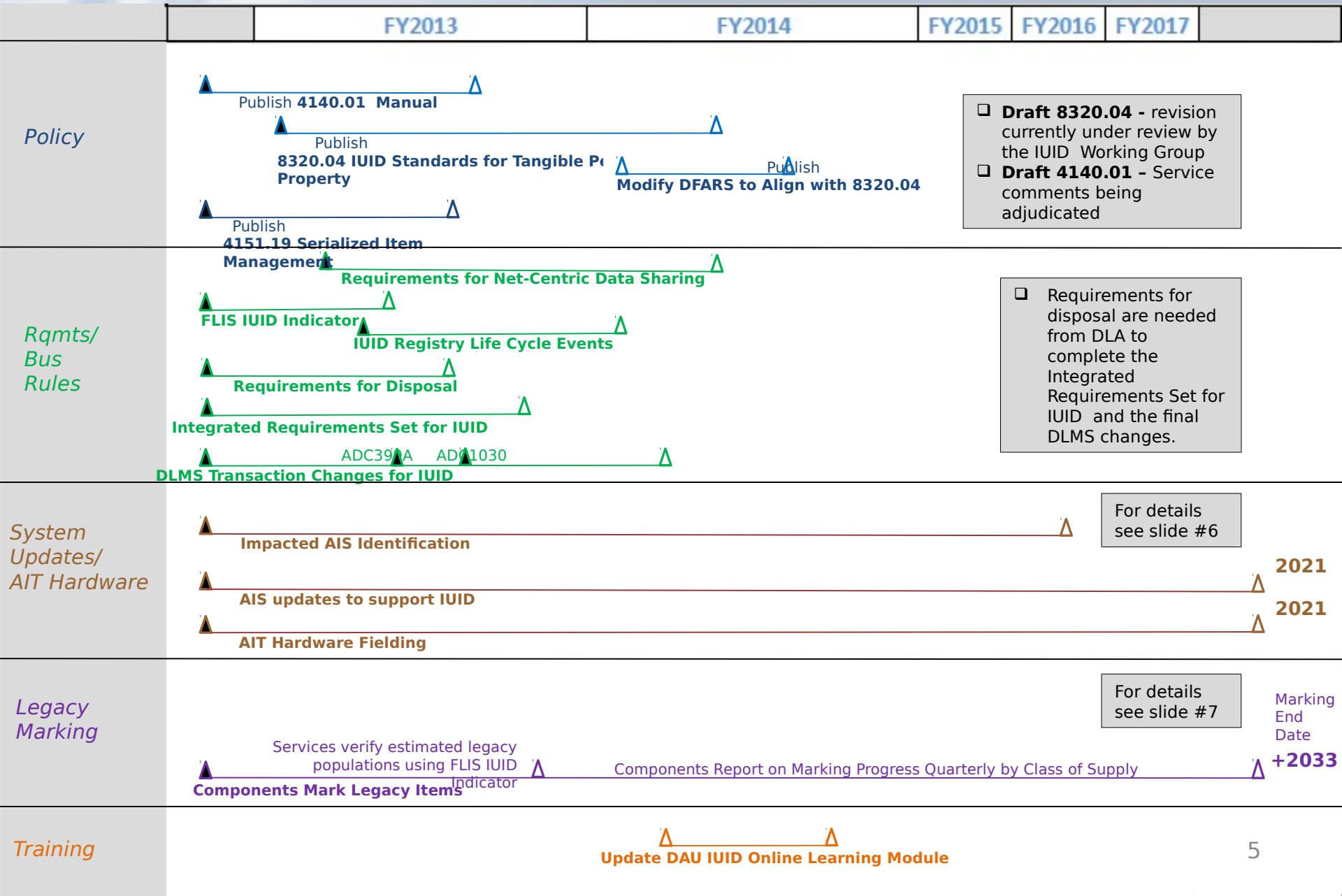
# Target Population

- Major end items
- Small arms
- Depot level reparable
- NWRM
- Sensitive and classified items
- Critical safety items
- Pilferable items
- Other items as determined by item or program manager

***Mark what needs to be marked***

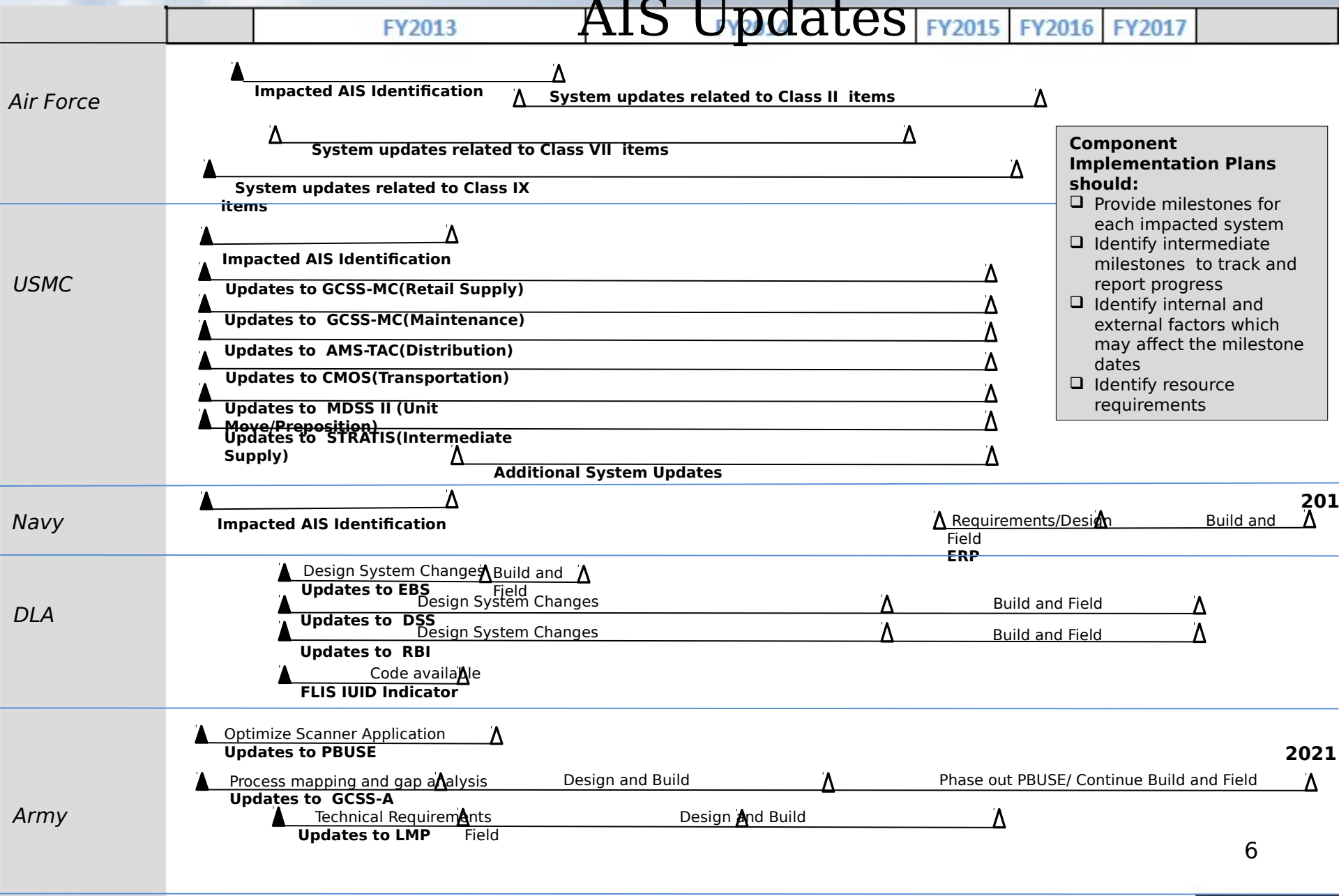


# DOD IUID Integrated Master Schedule





# DOD IUID Integrated Master Schedule - AIS Updates





# DOD IUID Integrated Master Schedule – Item Marking

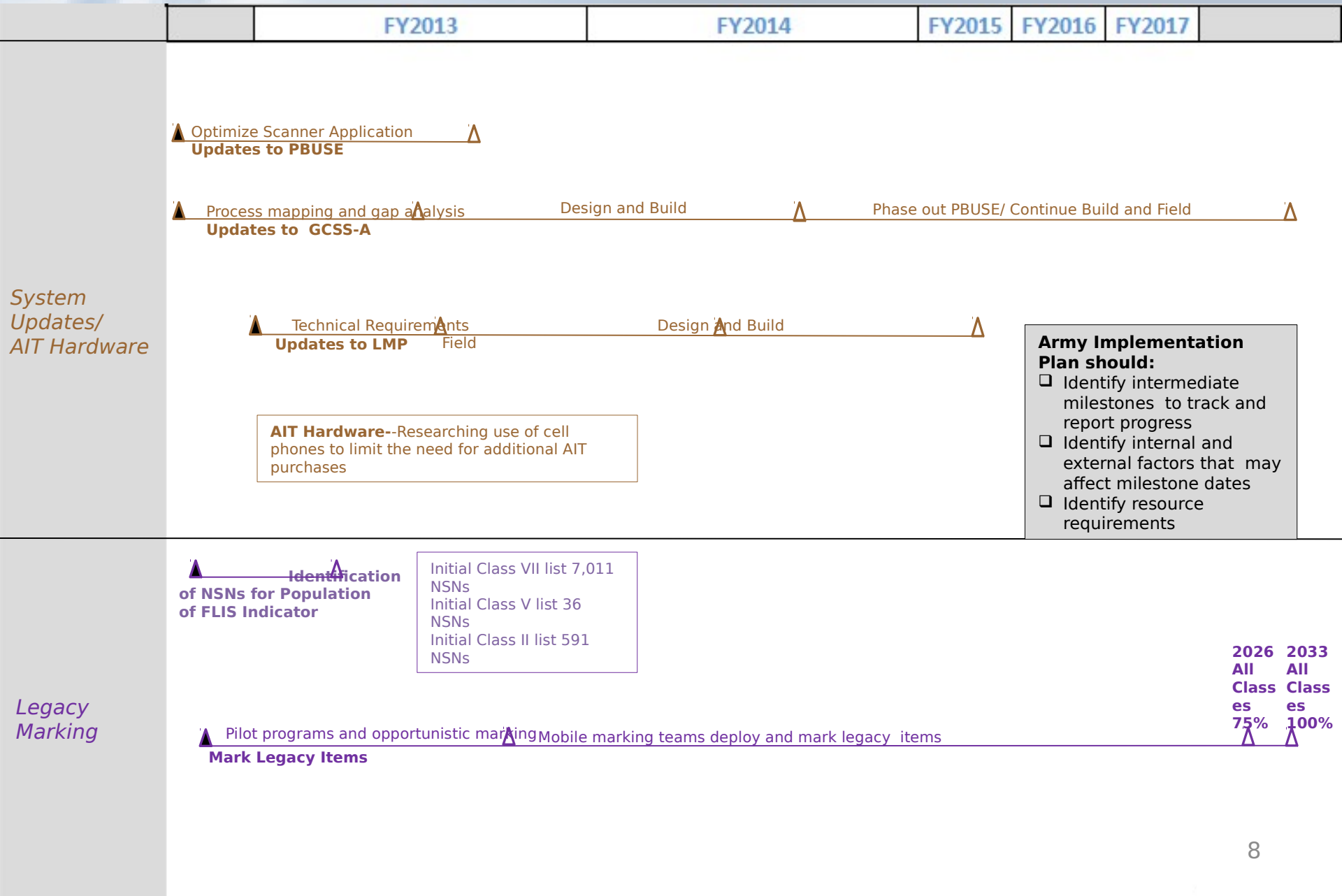
		FY2013	FY2014	FY2015	FY2016	FY2017	
Air Force	Nonrecurring Engineering Analysis and Updates to Tec Data Packages for Class IX items						All Class es 75% TBD
	Opportunistic Marking		Pilot programs and Marking Teams				Marki ng End Date TBD
	Mark Legacy Items-All Classes						
USMC		Class VII 70.0% Marked Class IX 2.5% Marked	Class VII 71.4% Class IX 2.7%	Class VII 72.2% Class IX 2.8%	Class VII 72.9% Class IX 3.0%	2019 Class VII 75.4% Class IX 3.3%	Marki ng End Date TBD
	Marking teams and opportunistic marking						
	Mark Legacy Items—Class VII & IX						
Navy	Class VIII Legacy Item Marking						2019 Marki ng End Date TBD
	Class VII Legacy Item Marking						75% +
	Opportunistic marking						
	Class II and IX Legacy Item Marking						
DLA	Industrial Plant Equipment marked during inventory						
Army	Pilot programs and opportunistic marking						All Class es 75% 2026
	Mobile marking teams deploy and mark legacy items						Marki ng End Date 2033
	Mark Legacy Items						

## Component Marking Plans should provide, by class of supply:

- ☐ 75% marked and marking end dates
- ☐ Annual marking goals
- ☐ Prioritization Strategy
- ☐ Completion dates for Nonrecurring Engineering
- ☐ Quarterly progress reports



# Army IUID Integrated Master Schedule







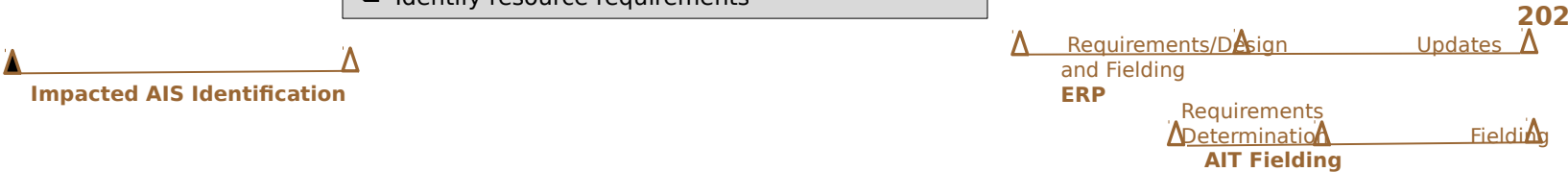
# Navy IUID Integrated Master Schedule

	FY2013	FY2014	FY2015	FY2016	FY2017	
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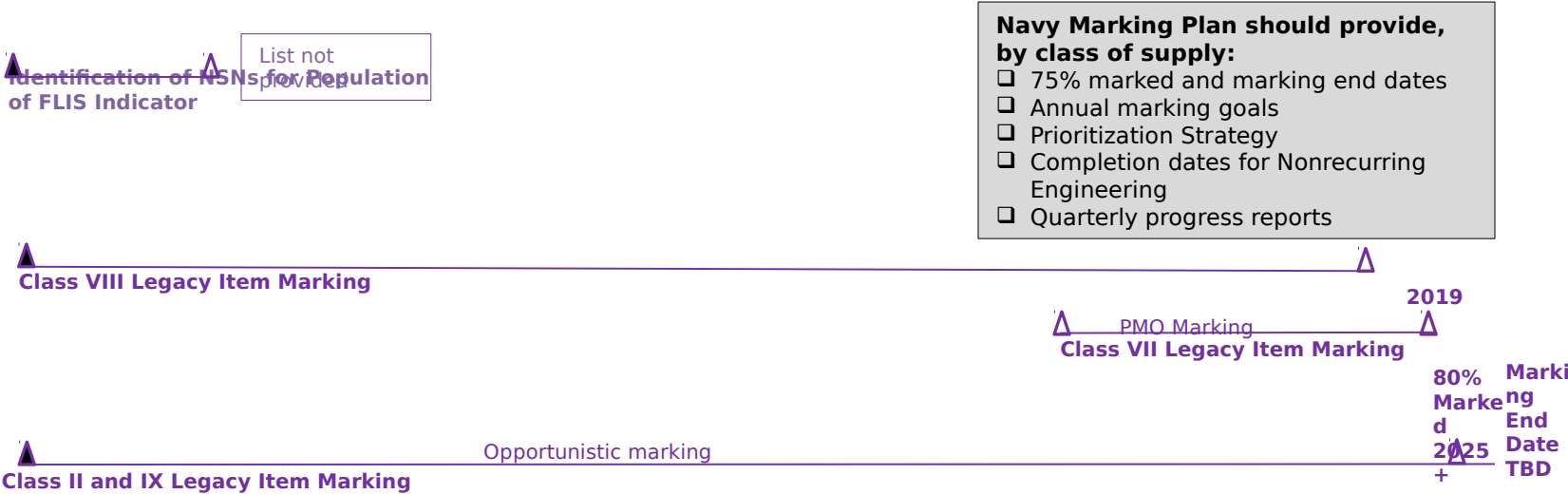
System Updates/  
AIT Hardware

**Navy Implementation Plan should:**

- ☐ Provide details about the delay between system identification and implementing system changes
- ☐ Provide milestones for each impacted system
- ☐ Identify intermediate milestones to track and report progress
- ☐ Identify internal and external factors that may affect the milestone dates.
- ☐ Identify resource requirements



Legacy Marking

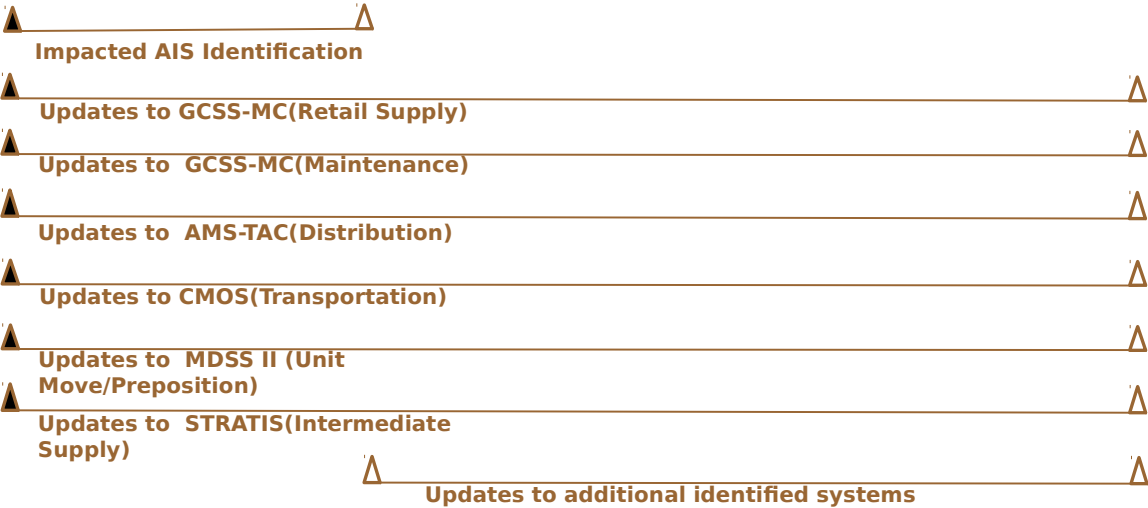




# USMC IUID Integrated Master Schedule

	FY2013	FY2014	FY2015	FY2016	FY2017	
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System Updates/  
AIT Hardware



AIT Hardware has been fielded for the above systems except GCSS-MC.

**USMC Implementation Plan should:**

- ☐ Identify intermediate milestones to track and report progress
- ☐ Identify internal and External factors which may affect the milestone dates.
- ☐ Identify resource requirements
- ☐ Interim milestones for identification of remaining AISs modification s
- ☐ Provide a schedule for fielding of remaining AIT hardware

Legacy Marking

Identification of NSNs for Population of FLIS Indicator

List under revision. originally contained 5,802 PICA NSNs  
54,655 SICA NSNs



**USMC Marking Plan should:**

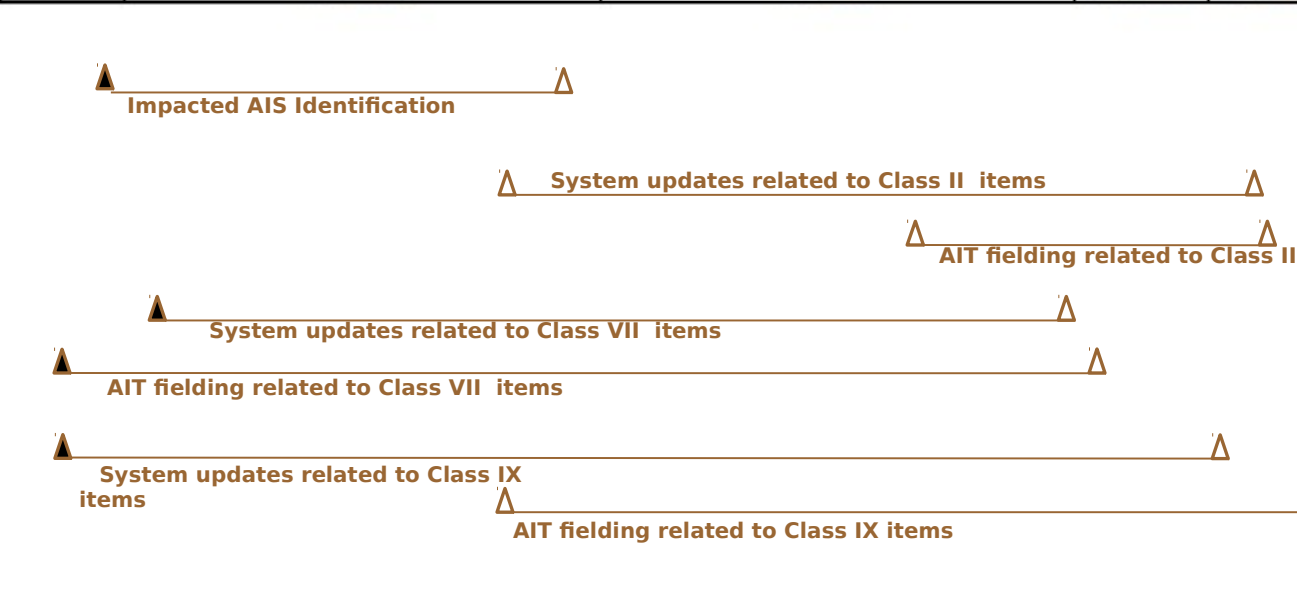
- ☐ Provide a timeline for remaining classes of supply



# Air Force IUID Master Schedule

	FY2013	FY2014	FY2015	FY2016	FY2017	
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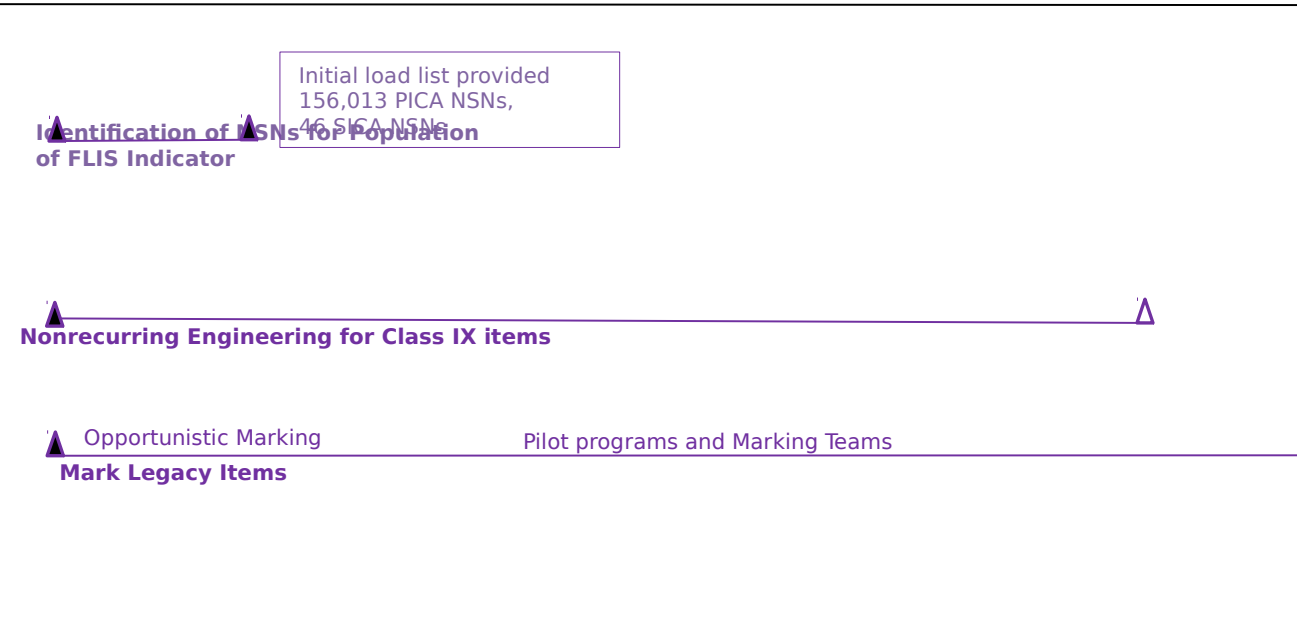
System Updates/  
AIT Hardware



**Air Force Implementation Plan should:**

- ☐ Provide Interim milestones for AIS identification process
- ☐ Provide AIS names and schedules for Class VII and IX modifications underway
- ☐ Identify Internal and External factors which may affect the milestone dates
- ☐ Identify resource requirements

Legacy Marking



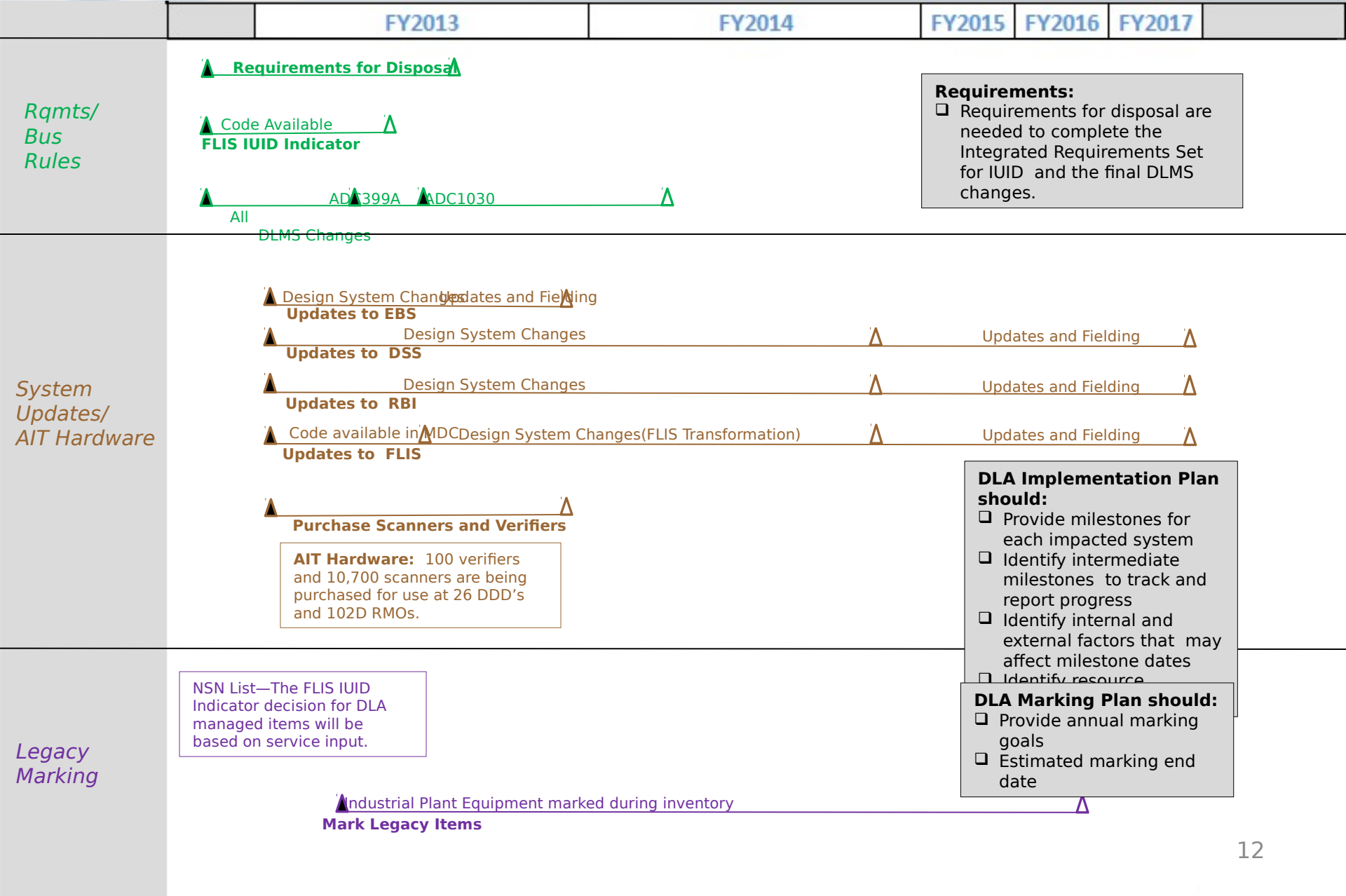
**Air Force Marking Plan should:**

- ☐ Provide, by class of supply, 75% marked and marking end dates
- ☐ Annual marking goals

All Class es	Marking End Date
75%	TBD
TBD	TBD



# DLA IUID Integrated Master Schedule



**Requirements:**

- ❑ Requirements for disposal are needed to complete the Integrated Requirements Set for IUID and the final DLMS changes.

**DLA Implementation Plan should:**

- ❑ Provide milestones for each impacted system
- ❑ Identify intermediate milestones to track and report progress
- ❑ Identify internal and external factors that may affect milestone dates
- ❑ Identify resource

**DLA Marking Plan should:**

- ❑ Provide annual marking goals
- ❑ Estimated marking end date



# DoD Item Marking Status by Class of Supply

<b>CLASS II (Individual Equipment)</b>		
	Marked	Remaining to be Marked
Procurement	845,924	N/A
Legacy	313,619	15,622,667
<b>Total</b>	<b>1,159,543</b>	<b>15,622,667</b>
Percentage of Total Marked		7%
Percentage of Total Remaining		93%

<b>CLASS V (Ammunition)</b>		
	Marked	Remaining to be Marked
Procurement	51,004	N/A
Legacy	47,502	889,746
<b>Total</b>	<b>98,506</b>	<b>889,746</b>
Percentage of Total Marked		10%
Percentage of Total Remaining		90%

<b>CLASS VII (Small Arms)</b>		
	Marked	Remaining to be Marked
Procurement	884,779	N/A
Legacy	913,891	1,267,772
<b>Total</b>	<b>1,798,670</b>	<b>1,267,772</b>
Percentage of Total Marked		59%
Percentage of Total Remaining		41%

<b>CLASS VII (Non Small Arms)</b>		
	Marked	Remaining to be Marked
Procurement	2,212,257	N/A
Legacy	1,411,301	5,585,624
<b>Total</b>	<b>3,623,558</b>	<b>5,585,624</b>
Percentage of Total Marked		39%
Percentage of Total Remaining		61%

<b>CLASS VIII (Medical Materiel)</b>		
	Marked	Remaining to be Marked
Procurement	12	N/A
Legacy	27,070	94,053
<b>Total</b>	<b>27,082</b>	<b>94,053</b>
Percentage of Total Marked		22%
Percentage of Total Remaining		78%

<b>CLASS IX (Consumables &amp; Repairables)</b>		
	Marked	Remaining to be Marked
Procurement	786,257	N/A
Legacy	326,036	33,543,967
<b>Total</b>	<b>1,112,293</b>	<b>33,543,967</b>
Percentage of Total Marked		3%
Percentage of Total Remaining		97%

Represents 12% of assets marked across all classes of supply.

DoD roll up is based on Component input to date. Each class of supply has at least one component figure not reported. The Components continue to refine their methods of data collection. See component level charts for more detail.



# Army IUID Current Item Marking Status

<b>CLASS II (Individual Equipment)</b>			<b>CLASS V (Ammunition)</b>		
	<b>Currently Marked</b>	<b>Remaining to be Marked</b>		<b>Currently Marked</b>	<b>Remaining to be Marked</b>
New Procurement	318,340	N/A	New Procurement	51,004	N/A
Legacy	22,095	937,279	Legacy	47,502	889,746
<b>Total</b>	<b>340,435</b>	<b>937,279</b>	<b>Total</b>	<b>98,506</b>	<b>889,746</b>
<b>Percentage of Total Marked</b>		<b>27%</b>	<b>Percentage of Total Marked</b>		<b>10%</b>
<b>Percentage of Total Remaining</b>		<b>73%</b>	<b>Percentage of Total Remaining</b>		<b>90%</b>
<b>CLASS VII (Small Arms)</b>			<b>CLASS VII (Non Small Arms)</b>		
	<b>Currently Marked</b>	<b>Remaining to be Marked</b>		<b>Currently Marked</b>	<b>Remaining to be Marked</b>
New Procurement	856,406	N/A	New Procurement	1,019,539	N/A
Legacy	442,074	1,158,750	Legacy	287,345	2,190,325
<b>Total</b>	<b>1,298,480</b>	<b>1,158,750</b>	<b>Total</b>	<b>1,306,884</b>	<b>2,190,325</b>
<b>Percentage of Total Marked</b>		<b>53%</b>	<b>Percentage of Total Marked</b>		<b>37%</b>
<b>Percentage of Total Remaining</b>		<b>47%</b>	<b>Percentage of Total Remaining</b>		<b>63%</b>
<b>CLASS VIII (Medical Materiel)</b>			<b>CLASS IX (Consumables &amp; Reparables)</b>		
	<b>Currently Marked</b>	<b>Remaining to be Marked</b>		<b>Currently Marked</b>	<b>Remaining to be Marked</b>
New Procurement	3	N/A	New Procurement	747,235	N/A
Legacy	70	48,058	Legacy	209,481	2,709,297





# Navy Current Item Marking Status

<b>CLASS II (Individual Equipment)</b>			<b>CLASS V (Ammunition)</b>		
	<b>Currently Marked</b>	<b>Remaining to be Marked</b>		<b>Currently Marked</b>	<b>Remaining to be Marked</b>
New Procurement	TBD	N/A	New Procurement	TBD	TBD
Legacy	TBD	13,600,000	Legacy	TBD	TBD
<b>Total</b>		13,600,000	<b>Total</b>	<b>TBD</b>	<b>TBD</b>
<b>Percentage of Total Marked</b>		<b>0%</b>	<b>Percentage of Total Marked</b>		
<b>Percentage of Total Remaining</b>		<b>100%</b>	<b>Percentage of Total Remaining</b>		
<b>CLASS VII (Small Arms)</b>			<b>CLASS VII (Non Small Arms)</b>		
	<b>Currently Marked</b>	<b>Remaining to be Marked</b>		<b>Currently Marked</b>	<b>Remaining to be Marked</b>
New Procurement	TBD	TBD	New Procurement	TBD	N/A
Legacy	TBD	TBD	Legacy	15,000	430,000
<b>Total</b>	<b>TBD</b>	<b>TBD</b>	<b>Total</b>	<b>15,000</b>	<b>430,000</b>
<b>Percentage of Total Marked</b>			<b>Percentage of Total Marked</b>		<b>3%</b>
<b>Percentage of Total Remaining</b>			<b>Percentage of Total Remaining</b>		<b>97%</b>
<b>CLASS VIII (Medical Materiel)</b>			<b>CLASS IX (Consumables &amp; Reparables)</b>		
	<b>Currently Marked</b>	<b>Remaining to be Marked</b>		<b>Currently Marked</b>	<b>Remaining to be Marked</b>
New Procurement	TBD	N/A	New Procurement	TBD	N/A
Legacy	27,000	44,000	Legacy	TBD	21,800,000
<b>Total</b>	<b>27,000</b>	<b>44,000</b>	<b>Total</b>	<b>TBD</b>	<b>21,800,000</b>
<b>Percentage of Total Marked</b>		<b>0%</b>	<b>Percentage of Total Marked</b>		<b>0%</b>
<b>Percentage of Total Remaining</b>		<b>100%</b>	<b>Percentage of Total Remaining</b>		<b>100%</b>

Navy is working to establish enterprise reporting capability.



# USMC Current Item Marking Status

<b>CLASS II (Individual Equipment)</b>			<b>CLASS V (Ammunition)</b>		
	<b>Currently Marked</b>	<b>Remaining to be Marked</b>		<b>Currently Marked</b>	<b>Remaining to be Marked</b>
New Procurement	27,584	N/A	New Procurement	TBD	N/A
Legacy	278,021	398,891	Legacy	TBD	TBD
<b>Total</b>	<b>305,605</b>	<b>398,891</b>	<b>Total</b>	<b>TBD</b>	<b>TBD</b>
<b>Percentage of Total Marked</b>		<b>45%</b>	<b>Percentage of Total Marked</b>		
<b>Percentage of Total Remaining</b>		<b>55%</b>	<b>Percentage of Total Remaining</b>		
<b>CLASS VII (Small Arms)</b>			<b>CLASS VII (Non Small Arms)</b>		
	<b>Currently Marked</b>	<b>Remaining to be Marked</b>		<b>Currently Marked</b>	<b>Remaining to be Marked</b>
New Procurement	557	N/A	New Procurement	88,049	N/A
Legacy	99,212	68,554	Legacy	241,165	488,678
<b>Total</b>	<b>99,769</b>	<b>68,554</b>	<b>Total</b>	<b>329,214</b>	<b>488,678</b>
<b>Percentage of Total Marked</b>		<b>59%</b>	<b>Percentage of Total Marked</b>		<b>45%</b>
<b>Percentage of Total Remaining</b>		<b>41%</b>	<b>Percentage of Total Remaining</b>		<b>55%</b>
<b>CLASS VIII (Medical Materiel)</b>			<b>CLASS IX (Consumables &amp; Reparables)</b>		
	<b>Currently Marked</b>	<b>Remaining to be Marked</b>		<b>Currently Marked</b>	<b>Remaining to be Marked</b>
New Procurement	9	N/A	New Procurement	39,022	N/A

USMC Class V counts are in process of being complied.

<b>Percentage of Total Remaining</b>	<b>100%</b>	<b>Percentage of Total Remaining</b>	<b>98%</b>
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# Air Force Current Item Marking Status

<b>CLASS II (Individual Equipment)</b>			<b>CLASS V (Ammunition)</b>		
	<b>Currently Marked</b>	<b>Remaining to be Marked</b>		<b>Currently Marked</b>	<b>Remaining to be Marked</b>
New Procurement	500,000	N/A	New Procurement	TBD	TBD
Legacy	13,503	686,497	Legacy	TBD	TBD
<b>Total</b>	<b>513,503</b>	<b>686,497</b>	<b>Total</b>	<b>TBD</b>	<b>TBD</b>
<b>Percentage of Total Marked</b>		<b>43%</b>	<b>Percentage of Total Marked</b>		
<b>Percentage of Total Remaining</b>		<b>57%</b>	<b>Percentage of Total Remaining</b>		
<b>CLASS VII (Small Arms)</b>			<b>CLASS VII (Non Small Arms)</b>		
	<b>Currently Marked</b>	<b>Remaining to be Marked</b>		<b>Currently Marked</b>	<b>Remaining to be Marked</b>
New Procurement	27,816	N/A	New Procurement	1,104,669	N/A
Legacy	372,605	40,468	Legacy	867,791	2,451,621
<b>Total</b>	<b>400,421</b>	<b>40,468</b>	<b>Total</b>	<b>1,972,460</b>	<b>2,451,621</b>
<b>Percentage of Total Marked</b>		<b>91%</b>	<b>Percentage of Total Marked</b>		<b>45%</b>
<b>Percentage of Total Remaining</b>		<b>9%</b>	<b>Percentage of Total Remaining</b>		<b>55%</b>
<b>CLASS VIII (Medical Materiel)</b>			<b>CLASS IX (Consumables &amp; Reparables)</b>		
	<b>Currently Marked</b>	<b>Remaining to be Marked</b>		<b>Currently Marked</b>	<b>Remaining to be Marked</b>

Air Force Class V & VIII items are comingled within Joint Systems. The mechanism to extract marking data is currently being defined.

<b>Total</b>			<b>879,797</b>
<b>Percentage of Total Marked</b>		<b>Percentage of Total Marked</b>	<b>2%</b>



# Way Ahead

- ☐ DODI 8320.04, Start formal coordination
- ☐ Execute and monitor Integrated Master Schedule
- ☐ Review Service Implementation Plans
- ☐ Complete NSN lists for initial population of FLIS IUID Indicator (Services)
- ☐ Provide quarterly updates on execution of Implementation Plans including item marking (Services)
- ☐ Complete Disposal Process Flows (DLA)
- ☐ Complete remaining IUID related DLMS Changes (DLA)



# Back Up Slides



# Working Group Leads

## ODASD SCI

- Col Richard Peterson
- Lora Conrad

## Army

- Susan Byrne (ASA ALT)

## Navy

- Jo Policastro (CNO/OPNAV N41)

## USMC

- MAJ Burke (LPC-2)

## Air Force

- RH. Bartholomew (AF/A4ID)

## DLA

- Dan McLaughlin (J33)